




Memo

date: January 2, 2009 not sent until February 2, 2009

to: RSC

from: D. Beavis  and A. Pendzick

subject: 8GE2 Shielding

We reviewed the shielding that is intended to be placed besides the blue primary collimator. The shielding will shadow the labyrinth entrance and reduce punch-through with three feet of heavy concrete. The shielding will be placed on roller to allow full access to the collimator and will be placed about 6 to 12 inches off the side to allow access without moving the shielding. The shielding will reduce radiation out the labyrinth by at least a factor of 10.

A Fault Study will be conducted after the machine has stable operations to document the effectiveness of the shield and determine that the design meets the criteria for chronic losses.
(CK-FY2009-RHIC-582)

CC:

RSC RHIC Folder
A. Drees